

ABSTRACT

A rectangular tilt-up concrete tank includes a concrete slab with a metal plate anchored thereto, the metal plate defining at least one substantially linear concrete side wall location. A plurality of preformed concrete side panels each having metal plates attached along a bottom edge and opposing side edges are welded in a liquid-tight weld to the metal plate defining the concrete side wall location and a side metal plate of each side panel is welded to a metal side plate of an adjacent side panel in a liquid-tight weld to define a concrete side wall. Horizontal and vertical post-tensioning sleeves are provided in the side panels for receiving post-tensioning tendons.

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